

WHAT IS CLAIMED IS:

Sub
Part 1

1. A method for generating computer application
on a host system in an arbitrary object framework that
separates a content of said computer application, a
5 form of said computer application and a functionality
of said computer applications, said method comprising:
creating arbitrary objects with corresponding
arbitrary names of various object types for generating
said content of said computer application, said form of
10 said computer application, and said functionality of
said computer application;
managing said arbitrary objects in an object
library; and
deploying said arbitrary objects from said object
15 library into a design framework to create said software
application.

2. The method of Claim 1, wherein said computer
application is a web site.

3. The method of Claim 1, wherein said various
object types comprise text file pointers.

4. The method of Claim 1, wherein said various
25 object types comprise binary file pointers.

5. The method of Claim 1, wherein said various
object types comprise compiled executables.

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6. The method of Claim 1, wherein said various object types comprise shell commands.

5 7. The method of Claim 1, wherein said various object types comprise remote procedure calls.

8. The method of Claim 1, wherein said various object types comprise global variables.

10 9. The method of Claim 1, wherein said various object types comprise cached executables.

10. The method of Claim 1, wherein said various object types comprise cached database queries.

15 11. The method of Claim 1, wherein said various object types comprise local variables.

20 12. The method of Claim 1, wherein said various object types comprise local objects and global parent objects.

25 13. The method of Claim 12, wherein said local objects can override said global parent objects.

14. The method of Claim 12, wherein said local objects inherit data from said global parent objects.

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15. The method of Claim 12, wherein said local objects inherit capabilities from said global parent objects.

5 16. The method of Claim 1, further comprising deploying arbitrary objects globally.

17. The method of Claim 1, further comprising deploying arbitrary objects locally.

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18. The method of Claim 1, wherein the step of managing said arbitrary objects further comprises using revision tracking.

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19. The method of Claim 1, wherein the step of managing said arbitrary objects further comprises using rollback.

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20. The method of Claim 1, wherein the step managing further comprises using signoff.

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21. The method of Claim 1, wherein said arbitrary objects can be accessed and deployed into said design framework using said corresponding arbitrary names.

22. The method of Claim 1, further comprising swapping an arbitrary object of one type with an arbitrary object of another type.

23. The method of Claim 1, further comprising
caching objects.

5 24. The method of Claim 23, wherein the step of
caching objects further comprises specifying some
elements of an arbitrary object to be dynamic elements
and specifying some elements of said arbitrary object
to be static elements.

10 25. The method of Claim 1, further comprising
generating arbitrary objects in a programming language
that is compatible or supported by said host system.

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26. A method for generating a web site on a host system in an arbitrary object framework that separates a content of said web site, a form of said web site, and a functionality of said web site, said method comprising:

creating arbitrary objects with corresponding arbitrary names of various object types for generating said content of said web site, said form of said web site, and said functionality of said web site;

managing said arbitrary objects in an object library; and

deploying said arbitrary objects from said object library to a container page to create said web site.

27. The method of Claim 26, wherein said various object types comprise text file pointers.

28. The method of Claim 26, wherein said various object types comprise binary file pointers.

29. The method of Claim 26, wherein said various object types comprise compiled executables.

30. The method of Claim 26, wherein said various object types comprise shell commands.

31. The method of Claim 26, wherein said various object types comprise remote procedure calls.

32. The method of Claim 26, wherein said various object types comprise global variables.

5 33. The method of Claim 26, wherein said various object types comprise local variables.

10 34. The method of Claim 26, wherein said various object types comprise local objects and global parent objects.

15 35. The method of Claim 34, wherein said local objects can override said global parent objects.

36. The method of Claim 34, wherein said local objects inherit data from said global parent objects.

20 37. The method of Claim 34, wherein said local objects inherit capabilities from said global parent objects.

38. The method of Claim 26, further comprising deploying arbitrary objects globally.

25 39. The method of Claim 26, further comprising deploying arbitrary objects locally.

30 40. The method of Claim 26, wherein the step of managing said arbitrary objects further comprises using revision tracking.

41. The method of Claim 26, wherein the step of managing said arbitrary objects further comprises using rollback.

5 42. The method of Claim 26, wherein the step managing said arbitrary objects further comprises using signoff.

10 43. The method of Claim 26, wherein said arbitrary objects can be accessed and deployed into said container page using said corresponding arbitrary names.

15 44. The method of Claim 26, further comprising swapping an arbitrary object of one type with an arbitrary object of another type.

20 45. The method of Claim 26, further comprising caching objects.

25 46. The method of Claim 45, wherein the step of caching objects further comprises specifying some elements of an arbitrary object to be dynamic elements and specifying some elements of said arbitrary object to be static elements.

30 47. The method of Claim 26, further comprising generating arbitrary objects in a programming language that is compatible or supported by said host system.

48. The method of Claim 26, wherein said various object types comprise cached executables.

5 49. The method of Claim 26, wherein said various object types comprise cached database queries.

50. The method of Claim 26, further comprising profiling of a user accessing said web site.

10 51. The method of Claim 26, further comprising personalization of said web site for a user accessing said web site.

15 52. The method of Claim 26, wherein said container page comprises arbitrary objects with both dynamic and static elements.

20 53. The method of Claim 26, wherein said content of said web site and said function of said web site can be syndicated.

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